

| L<br>Number | Hits  | Search Text   | DB  | Time stamp          |
|-------------|-------|---|---|---------------------|
| 1           | 3     | ("6,405,237").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>17:31 |
| 2           | 2     | ("6,353,450").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>17:36 |
| 3           | 4     | ((("6334175") or ("6353450")).PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>17:38 |
| -           | 2     | ("5815689").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:14 |
| -           | 16    | 5815689.URPN.   | USPAT   | 2002/09/24<br>13:21 |
| -           | 73620 | stream\$3 same (pipe frame subframe module splitter mixer)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:42 |
| -           | 17932 | (stream\$3 same (pipe frame subframe module splitter mixer)) and filter   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:43 |
| -           | 29    | ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and composite adj frame   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:43 |
| -           | 0     | ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and composite adj frame) and ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and restructur\$3)             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:44 |
| -           | 326   | ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and subframe  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:45 |
| -           | 0     | ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and subframe) and (((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and restructur\$3) and (splitter mixer)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:45 |
| -           | 0     | ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and subframe) and (((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and restructur\$3)                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:45 |
| -           | 3     | ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and subframe) and (((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and composite adj frame)                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:45 |
| -           | 8     | ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and restructur\$3) and (splitter mixer)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>13:46 |

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|---|-------|--|---|---------------------|
| - | 62    | ((stream\$3 same (pipe frame subframe module splitter mixer)) and filter) and restructur\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:00 |
| - | 4     | ((("6086628") or ("5825430")).PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:00 |
| - | 5     | (US-5815689-\$ or US-6202164-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$).did.   | USPAT   | 2002/09/24<br>14:02 |
| - | 5     | ((US-5815689-\$ or US-6202164-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$).did.) and (splitt\$3 mix\$3 casc\$3 restructur\$3 pipe stream\$3 flag table)            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:24 |
| - | 2     | ((US-5815689-\$ or US-6202164-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$).did.) and (splitt\$3 mix\$3 casc\$3 restructur\$3 pipe stream\$3 flag table)) and graph | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:21 |
| - | 2     | ((US-5815689-\$ or US-6202164-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$).did.) and (splitt\$3 mix\$3 casc\$3 restructur\$3 pipe stream\$3 flag table)) and graph | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:21 |
| - | 14977 | (offset constant control pipe completion) adj (flag table)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:28 |
| - | 0     | ((offset constant control pipe completion) adj (flag table)) and cascade same pipe   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:49 |
| - | 844   | cascade same pipe  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:50 |
| - | 2     | (cascade same pipe) and restructur\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:50 |
| - | 0     | (cascade same pipe) and subframe   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:51 |
| - | 40    | ((offset constant control pipe completion) adj (flag table)) and subframe  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:52 |
| - | 27    | ((offset constant control pipe completion) adj (flag table)) and subframe) and stream\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>14:52 |
| - | 4     | ((US-5815689-\$ or US-6202164-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$).did.) and (offset completion flag table)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/24<br>15:07 |

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| - | 1434421 | (allocat\$3 adj (composite adj frame) frame)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:09 |
| - | 1       | allocat\$3 adj (composite adj frame)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:10 |
| - | 742     | allocat\$3 adj frame  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:10 |
| - | 900     | composite adj frame   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:10 |
| - | 12      | (allocat\$3 adj frame ) and (composite adj frame)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:11 |
| - | 21      | (allocat\$3 adj frame ) and streaming   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:19 |
| - | 1894    | streaming same (splitt\$3 mix\$3 subframe composite control adj transaction graph pipe module filter allocat\$3 casc\$3)                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:55 |
| - | 89      | (streaming same (splitt\$3 mix\$3 subframe composite control adj transaction graph pipe module filter allocat\$3 casc\$3)) and memory adj allocat\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:44 |
| - | 126     | (streaming same (splitt\$3 mix\$3 subframe composite control adj transaction graph pipe module filter allocat\$3 casc\$3)) and memory near allocat\$4 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:47 |
| - | 908     | streaming same (splitt\$3 mix\$3 subframe pipe)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:56 |
| - | 105666  | stream\$3 same (splitt\$3 mix\$3 subframe pipe)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:56 |
| - | 124     | (stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and memory adj allocat\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:57 |
| - | 2462    | (stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and allocat\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:58 |
| - | 2195    | ((stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and allocat\$4) and (audio video data voice sound multi adj media media)                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>12:59 |

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| - | 1441 | ((stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and allocat\$4) and (audio video data voice sound multi adj media media)) and (hierarchy subframe nest\$3 tree graph node leaf)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>13:02 |
| - | 48   | ((stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and allocat\$4) and (audio video data voice sound multi adj media media)) and (hierarchy subframe nest\$3 tree graph node leaf)) and (construct\$3 defin\$3 build\$3 play\$3) near (tree graph)        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>13:11 |
| - | 1417 | ((stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and allocat\$4) and (audio video data voice sound multi adj media media)) and (hierarchy subframe nest\$3 tree graph node leaf)) and (control\$4 control\$4 near (flow transaction))                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>13:32 |
| - | 386  | ((stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and allocat\$4) and (audio video data voice sound multi adj media media)) and (hierarchy subframe nest\$3 tree graph node leaf)) and (control\$4 near (flow transaction))                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>13:33 |
| - | 36   | ((stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and allocat\$4) and (audio video data voice sound multi adj media media)) and (hierarchy subframe nest\$3 tree graph node leaf)) and (control\$4 near (flow transaction)) and (IRP request adj packet) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>13:41 |
| - | 4    | ((stream\$3 same (splitt\$3 mix\$3 subframe pipe)) and allocat\$4) and (audio video data voice sound multi adj media media)) and (hierarchy subframe nest\$3 tree graph node leaf)) and (control\$4 near (flow transaction))) and (IRP                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>13:42 |
| - | 1    | 550196.fref.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>15:06 |
| - | 1    | 0550196.fref.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>15:06 |
| - | 0    | 0550196.fref.   | EPO   | 2002/09/25<br>15:07 |
| - | 1    | ("0550196").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>15:07 |
| - | 0    | ("0550196").PN.   | EPO   | 2002/09/25<br>15:07 |
| - | 0    | ("0816517").PN.   | EPO   | 2002/09/25<br>15:09 |
| - | 1    | ("9816517").PN.   | EPO   | 2002/09/25<br>15:08 |
| - | 1    | ("0816517").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>15:09 |
| - | 24   | dinallo.in.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/25<br>15:09 |
| - | 3    | (US-5282202-\$ or US-6278478-\$ or US-6055619-\$).did.  | USPAT   | 2002/09/25<br>18:23 |

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| - | 3   | ((US-5282202-\$ or US-6278478-\$ or US-6055619-\$).did.) and frame   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB<br>USPAT | 2002/09/25<br>18:23 |
| - | 1   | (US-5282202-\$).did.   | USPAT  | 2002/09/26<br>09:48 |
| - | 1   | 5282202.PN. and memory   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>10:05 |
| - | 1   | 5282202.PN. and (combined dispersed)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>10:06 |
| - | 1   | (US-6278478-\$).did.   | USPAT  | 2002/09/26<br>10:19 |
| - | 1   | ((US-6278478-\$).did.) and filter  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>10:20 |
| - | 215 | virtual adj frame  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>11:30 |
| - | 0   | (virtual adj frame) same subframe  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>11:26 |
| - | 12  | (virtual adj frame) same channel   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>11:28 |
| - | 11  | ((virtual adj frame) same channel) and memory  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>11:28 |
| - | 5   | (virtual adj frame) same channel same memory   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>11:31 |
| - | 0   | virtual adj frame same composite adj frame   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>11:30 |
| - | 83  | (virtual adj frame) same frame same memory   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB          | 2002/09/26<br>11:31 |
| - | 19  | (US-5815689-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$ or US-5883901-\$ or US-5450409-\$ or US-5282202-\$ or US-5247516-\$ or US-6209041-\$ or US-5913062-\$ or US-6353450-\$ or US-6278478-\$ or US-6230200-\$ or US-6212574-\$ or US-6205492-\$ or US-6353862-\$ or US-6055619-\$ or US-5913038-\$ or US-6400681-\$).did. | USPAT  | 2002/09/26<br>11:32 |

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| - | 0   | ((virtual adj frame) same frame same memory) and ((US-5815689-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$ or US-5883901-\$ or US-5450409-\$ or US-5282202-\$ or US-5247516-\$ or US-6209041-\$ or US-5913062-\$ or US-6353450-\$ or US-6278478-\$ or US-6230200-\$ or US-6212574-\$ or US-6205492-\$ or US-6353862-\$ or US-6055619-\$ or US-5913038-\$ or US-6400681-\$).did.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>11:32 |
| - | 2   | ((virtual adj frame) same frame same memory) and streaming  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>11:33 |
| - | 29  | ((virtual adj frame) same frame same memory) and stream\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>11:57 |
| - | 7   | ((US-5815689-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$ or US-5883901-\$ or US-5450409-\$ or US-5282202-\$ or US-5247516-\$ or US-6209041-\$ or US-5913062-\$ or US-6353450-\$ or US-6278478-\$ or US-6230200-\$ or US-6212574-\$ or US-6205492-\$ or US-6353862-\$ or US-6055619-\$ or US-5913038-\$ or US-6400681-\$).did.) and allocates                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>12:05 |
| - | 126 | memory adj allocator  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>14:18 |
| - | 8   | memory adj allocator same stream\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>12:17 |
| - | 111 | farthest adj (upstream downstream node filter) and stream\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>12:18 |
| - | 35  | (farthest adj (upstream downstream node filter) and stream\$3) and data   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>12:18 |
| - | 10  | (farthest adj (upstream downstream node filter) and stream\$3) and video  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>12:19 |
| - | 0   | frame adj nesting adj tree  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>14:10 |
| - | 0   | frame near nest\$3 near tree  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>14:11 |
| - | 19  | frame near tree and stream\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>14:11 |

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| - | 23   | frame near tree and stream\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>14:12 |
| - | 14   | memory adj allocator same (module tree graph)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>15:13 |
| - | 1886 | (709/310, 313, 236, 231, 328, "300").CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>15:13 |
| - | 0    | ("(connect\$4 interconnect\$4 communicat\$4) adj (between among with) adj (module program routine object data structure process)").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>15:21 |
| - | 9355 | (connect\$4 interconnect\$4 communicat\$4) adj (between among) adj (module program routine object data structure process)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>15:31 |
| - | 134  | ((connect\$4 interconnect\$4 communicat\$4) adj (between among) adj (module program routine object data structure process)) and ((709/310, 313, 236, 231, 328, "300").CCLS.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>15:28 |
| - | 1    | 5079770.PN. and (stream\$3 graph filter)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>15:32 |
| - | 1836 | ((connect\$4 interconnect\$4 communicat\$4) adj (between among) adj (module program routine object data structure process)) and stream\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>15:32 |
| - | 68   | ((((connect\$4 interconnect\$4 communicat\$4) adj (between among) adj (module program routine object data structure process)) and ((709/310, 313, 236, 231, 328, "300").CCLS.)) and (stream\$3 graph filter)                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>15:33 |
| - | 15   | (((((connect\$4 interconnect\$4 communicat\$4) adj (between among) adj (module program routine object data structure process)) and ((709/310, 313, 236, 231, 328, "300").CCLS.)) and (stream\$3 graph filter)) and memory near allocat\$3 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>16:34 |
| - | 24   | assign\$4 near memory near allocat\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>16:35 |
| - | 72   | assign\$4 near (memory near (allocat\$3 manager))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>16:35 |

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|---|----|--|---|---------------------|
| - | 21 | (US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6353862-\$ or<br>US-6055619-\$ or US-5913038-\$ or<br>US-6400681-\$ or US-5079770-\$ or<br>US-6038587-\$).did.               | USPAT   | 2002/09/26<br>16:57 |
| - | 14 | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6353862-\$ or<br>US-6055619-\$ or US-5913038-\$ or<br>US-6400681-\$ or US-5079770-\$ or<br>US-6038587-\$).did.) and graph   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>17:27 |
| - | 14 | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6353862-\$ or<br>US-6055619-\$ or US-5913038-\$ or<br>US-6400681-\$ or US-5079770-\$ or<br>US-6038587-\$).did.) and graph   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/26<br>17:27 |
| - | 2  | ("6353450").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>09:22 |
| - | 1  | ((("6353450").PN.) and control   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>11:11 |
| - | 21 | (US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.               | USPAT   | 2002/09/27<br>09:34 |
| - | 21 | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) and control | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>09:52 |



|   |       |  |   |                     |
|---|-------|--|---|---------------------|
| - | 12    | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) and control same flag               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>10:27 |
| - | 3     | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) and control same flag<br>same table | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>09:55 |
| - | 11    | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) and control same flag<br>and table  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>09:59 |
| - | 22    | frame adj control adj table  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>10:00 |
| - | 23164 | flag same complet\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>10:28 |
| - | 7     | (flag same complet\$4) and ((US-5815689-\$<br>or US-5999570-\$ or US-6086628-\$ or<br>US-5825430-\$ or US-5883901-\$ or<br>US-5450409-\$ or US-5282202-\$ or<br>US-5247516-\$ or US-6209041-\$ or<br>US-5913062-\$ or US-6353450-\$ or<br>US-6278478-\$ or US-6230200-\$ or<br>US-6212574-\$ or US-6205492-\$ or<br>US-6038587-\$ or US-6353862-\$ or<br>US-6055619-\$ or US-5913038-\$ or<br>US-6400681-\$ or US-5079770-\$).did.)          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>10:28 |
| - | 15    | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) and table                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>11:05 |

|   |      |   |   |                     |
|---|------|---|---|---------------------|
| - | 1    | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) and filter adj table                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>10:39 |
| - | 1    | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) and cascades\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>11:05 |
| - | 0    | ("6353450").PN.) and control and<br>upstream  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>11:25 |
| - | 1    | ("6353450").PN.) and source   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>11:26 |
| - | 1    | (US-5282202-\$).did.  | USPAT   | 2002/09/27<br>12:00 |
| - | 1    | ((US-5282202-\$).did.) and memory   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>12:01 |
| - | 2437 | (concurrent\$3 circulat\$3 overlap\$4) near<br>frame  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>13:18 |
| - | 21   | (US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.  | USPAT   | 2002/09/27<br>13:18 |
| - | 0    | ((concurrent\$3 circulat\$3 overlap\$4) near<br>frame) and ((US-5815689-\$ or US-5999570-\$<br>or US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>13:18 |

|   |      |  |   |                     |
|---|------|--|---|---------------------|
| - | 241  | ((concurrent\$3 circulat\$3 overlap\$4) near frame) and stream\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>13:18 |
| - | 3209 | (concurrent\$3 circulat\$3 overlap\$4) near frame  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>13:19 |
| - | 241  | ((concurrent\$3 circulat\$3 overlap\$4) near frame) and (((concurrent\$3 circulat\$3 overlap\$4) near frame) and stream\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>13:19 |
| - | 147  | ((((concurrent\$3 circulat\$3 overlap\$4) near frame) and (((concurrent\$3 circulat\$3 overlap\$4) near frame) and stream\$3)) and source  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>13:19 |
| - | 4    | (((((concurrent\$3 circulat\$3 overlap\$4) near frame) and (((concurrent\$3 circulat\$3 overlap\$4) near frame) and stream\$3)) and source) and sink   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>13:57 |
| - | 16   | ((US-5815689-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$ or US-5883901-\$ or US-5450409-\$ or US-5282202-\$ or US-5247516-\$ or US-6209041-\$ or US-5913062-\$ or US-6353450-\$ or US-6278478-\$ or US-6230200-\$ or US-6212574-\$ or US-6205492-\$ or US-6038587-\$ or US-6353862-\$ or US-6055619-\$ or US-5913038-\$ or US-6400681-\$ or US-5079770-\$).did.) and processor | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>14:01 |
| - | 7    | ((US-5815689-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$ or US-5883901-\$ or US-5450409-\$ or US-5282202-\$ or US-5247516-\$ or US-6209041-\$ or US-5913062-\$ or US-6353450-\$ or US-6278478-\$ or US-6230200-\$ or US-6212574-\$ or US-6205492-\$ or US-6038587-\$ or US-6353862-\$ or US-6055619-\$ or US-5913038-\$ or US-6400681-\$ or US-5079770-\$).did.) and O         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>14:02 |
| - | 0    | ((US-5815689-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$ or US-5883901-\$ or US-5450409-\$ or US-5282202-\$ or US-5247516-\$ or US-6209041-\$ or US-5913062-\$ or US-6353450-\$ or US-6278478-\$ or US-6230200-\$ or US-6212574-\$ or US-6205492-\$ or US-6038587-\$ or US-6353862-\$ or US-6055619-\$ or US-5913038-\$ or US-6400681-\$ or US-5079770-\$).did.) and I adj O   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>14:02 |
| - | 6    | ((US-5815689-\$ or US-5999570-\$ or US-6086628-\$ or US-5825430-\$ or US-5883901-\$ or US-5450409-\$ or US-5282202-\$ or US-5247516-\$ or US-6209041-\$ or US-5913062-\$ or US-6353450-\$ or US-6278478-\$ or US-6230200-\$ or US-6212574-\$ or US-6205492-\$ or US-6038587-\$ or US-6353862-\$ or US-6055619-\$ or US-5913038-\$ or US-6400681-\$ or US-5079770-\$).did.) and IO        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>14:02 |

|   |    |  |   |                     |
|---|----|--|---|---------------------|
| - | 12 | ((US-5815689-\$ or US-5999570-\$ or<br>US-6086628-\$ or US-5825430-\$ or<br>US-5883901-\$ or US-5450409-\$ or<br>US-5282202-\$ or US-5247516-\$ or<br>US-6209041-\$ or US-5913062-\$ or<br>US-6353450-\$ or US-6278478-\$ or<br>US-6230200-\$ or US-6212574-\$ or<br>US-6205492-\$ or US-6038587-\$ or<br>US-6353862-\$ or US-6055619-\$ or<br>US-5913038-\$ or US-6400681-\$ or<br>US-5079770-\$).did.) and "I/O" | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/09/27<br>14:03 |
|---|----|--|---|---------------------|